

# SURETY ESTIMATE UPDATE

Graymont Western US, Inc.

Cricket Mountain Quarry

FILE # M/027/006

Millard County

Prepared by Utah Division of Oil, Gas & Mining

Last Update

DATE 7/30/02

## DESCRIPTION:

- Previous reclamation surety estimate was \$1,292,400 in year 1998 dollars
- Reclamation Estimate base amount calculated in 1998-\$
- This update adjusts the surety amount for escalation only.

- Escalation factors through 2002 are actual Means Historical Cost Indices
- Total disturbed area = 457.7 ACRES

CALCULATIONS $F = P(1 + i)^{**n}$	YR	ESCAL FACTOR	BOND AMOUNT
	1995	0.0193	\$0.00
F = Future Sum	1996	0.0242	\$0.00
P = Present Sum	1997	0.0236	\$0.00
i = Escalation Factor	1998	0.0502	\$1,292,400
n = number of periods	1999	0.0191	\$1,317,085
	2000	0.0244	\$1,349,222
Three Yr Average = 2.82%	2001	0.0460	\$1,411,286
Used to Project 5 Yrs	2002	0.0282	\$1,451,084
From the Year 2002	2003	0.0282	\$1,492,005
	2004	0.0282	\$1,534,079
	2005	0.0282	\$1,577,340
	2006	0.0282	\$1,621,821
	2007	0.0282	\$1,667,557
Updated Surety Amount Rounded (2007-\$)			\$1,667,600

\*\* Average cost per acre = \$3,643 (\$/ACRE)